



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 21] नई दिल्ली, शनिवार, मई 21, 1977 (वैशाख 31, 1899)
NO. 21] NEW DELHI, SATURDAY, MAY 21, 1977 (VAISAKHA 31, 1899)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS
Calcutta, the 21st May 1977
SPECIAL NOTICE

The Patent Office Branch, New Delhi has been shifted to the following address with effect from the 25th April, 1977 :

Municipal Market Building,
Third Floor, Room Nos. 401—405,
Saraswati Marg,
Karol Bagh,
New Delhi-110005.

CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2, dated the 11th December 1976, under the heading "COMPLETE SPECIFICATION ACCEPTED."

(1)

In page 974, column 1, against No. 140719—

for Application No. 36/Mas/76 filed February 28, 1976
read Application No. 37/Mas/76 filed February 28, 1976.

(2)

In the Gazette of India, Part III, Section 2, dated the 5th March 1977, under the heading "COMPLETE SPECIFICATIONS ACCEPTED"

1—57G1/77

(1)

In page 249, column 1, line 4, against No. 141432—
for "GORMING" read "FORMING"

(2)

In page 250 column 2, line 3, against No. 141439
delete one "AND"

(3)

In page 254, column 1, in Applicant against No. 141454
for "MII ANO" read "MILANO"

(4)

In page 255, column 1, in Inventors, against No. 141461
for "HOMF GREEN ALPHA" read "HOMER GREENE ALPHA"

(5)

In page 256, column 2, line 3, against No. 141468
for "TUBF1" read "TUBE"

(6)

In page 257, column 2, in Class, against No. 141474
for "32F" read "32E"

(3)

In the Gazette of India, Part-III, Section-2, dated the 5th March, 1977 in page 261, column 1, under the heading "Renewal fees paid."

After No. 138958 Insert No. 138962.

and

In the Gazette of India, Part-III, Section 2 dated the 5th March, 1977 in Page 261, Column 1, under heading "Cessation of Patents"

Delete No. 138962

(2)

In the Gazette of India, Part-III, Section 2, dated the 12th March, 1977 in Page 273, Column 1, under the heading "Renewal fees paid".

Delete No. 107172 and Inserts 109172

(3)

In the Gazette of India, Part-III, Section 2 dated the 26th March, 1977 in page 317, Column 2 under the heading "Renewal fees paid".

For 87355 read 87338

and

For 19213 read 109213

and in page 318, column 1,

For 123245 read 124345

For 12893 read 125893

After 126297 Insert 126299

and delete 126699

and

For 13890 read 134890,

(4)

In the Gazette of India, Part III, Section 2, dated the 12th March 1977, under the heading "COMPLETE SPECIFICATIONS ACCEPTED"

(1)

In page 265, column 1, line 3, against No. 141485

for "FINISTER" read "FINISHER"

(2)

In page 265, column 2, in Applicant & Inventor, against No. 141486

for 'OF 83/102' read 'OF 8A/102'

(3)

In page 266, column 1, line 4, against No. 141490

for 'MAPHTHALENE' read 'NAPHTHALENE'

(4)

In page 266, column 2, line 2, against 141491—

for 'Int. Cl.-C09K 3/00' read 'Int. Cl.-C09k 3/00'

(5)

In page 267, column 1, in Applicant, against No. 141492

for 'THE AMERICAN' read 'THE AMERICAS'

(6)

In page 267, column 2, in Inventors, against No. 141495

for 'DR. HANS-LEO HUISMANN'

read 'DR. HANS-LEO HULSMANN'

(7)

In page 267, column 2, line 1, against No. 141496

for Class 32F₁ & E₁

read Class 32F_{2b} & 55E₃ & E

and in line 3,

for 'PRODUSING' read 'PRODUCING'

and in line 8,

for 'SOMIOKA' read 'TOMIOKA'

(8)

In page 269, column 2, line, 1, against No. 141498

for '55₁' read '55E₁'

and delete

lines 10 and 11

(9)

In page 270, column 2, in Applicant, against No. 141499

for 'STATES F AMERICA'

read 'STATES OF AMERICA'

(10)

In page 270, column 2, in Applicant, against No. 141500

for 'LCS AGELES' read 'LOS AGELES'

(11)

In page 271, column 2, line 2, against No. 141504

for C101 5/00 read C10-1 5/00

(12)

In page 272, column 1, in Inventors, against No. 141506

for 'NAURICE' read 'MAURICE'

(5)

In the Gazette of India, Part III, Section 2, dated the 19th March 1977, under the heading "COMPLETE SPECIFICATIONS ACCEPTED".

(1)

In page 279, column 1, in Applicant, against No. 141522

for "UTMECHT" read "UTRECHT"

(2)

In page 282, column 2, line 12, against No. 141537

for "PATENT OFFICE, CALCUTTA" read "PATENT OFFICE, BOMBAY BRANCH"

(3)

In page 284, column 2, line 2, against No. 141544

for Int. Cl.-C101 5/40 read Int. Cl.-C10-1 5/40

(4)

In page 285, column 1, in Inventors, against No. 141545

for "SEIMA" read "SELMA"

(5)

In page 285, column 2, in Applicant, against No. 141547

for "NICHOLS ON" read "NICHOLSON"

(6)

In page 286, column 2, line 8, against No. 141552

for "FILED JULY, 1976" read "FILED JULY 9, 1976"

(7)

In page 287, column 2, line 2, against No. 141555

for Int. Cl.-B61 25/00, 1/00

read Int. Cl.-B61-1 25/00, 1/00

(8)

In page 288, column 1, line 5, against No. 141557

for "KOLIEGAL" read "KOLLEGAL"

(9)

In page 288, column 2, against No. 141561

for Int. Cl.-B63b read Int. Cl.-B63k

(10)

In page 291, column 1, in Inventors, against No. 141572
for "R VYSOTZKI" read "VYSOTEEKI"

In the Gazette of India, Part III, Section 2, dated the 26th March 1977, under the heading "COMPLETE SPECIFICATIONS ACCEPTED".

(1)

In page 306, column 2, line 3, against No. 141583
for "NTW" read "NEW"

(2)

In page 310, column 2, in Inventors, against No. 141602
for "KARI-HEINZ" read "KARL-HEINZ"

(3)

In page 312, column 1, line 1, against No. 141610
delete 60X_{ad}.

and

for 'Application No. 386/Cal/75 filed March 1, 1972"
read "Application No. 386/Cal./75 filed March 1, 1975"

(4)

In page 315, column 2, in Inventors, against No. 141622
for "DR. KARL BRATZIER"
read "DR. KARL BHATZLER"

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

14th April, 1977.

571/Cal/77. BOC Limited. Welding method. (April 30, 1976).

572/Cal/77. Metallurgical Process Limited and I.S.C. Smelting Limited. Improvements in or relating to the charging of last furnaces. (April 30, 1976).

573/Cal/77. Enso-Gutzeit Osakeyhtio. Mounting base of a disk refiner.

574/Cal/77. Enso-Cutzeit Osakeyhtio. Disk refiner.

575/Cal/77. The General Electric Company of India Limited. Transformer cooling. (April 30, 1976).

576/Cal/77. General Electric Company. Cooling arrangement for rotor end turns of reverse flow cooled dynamo-electric machines.

577/Cal/77. The Lubrizol Corporation. Magnesium-containing complexes, method for their preparation, and composition containing the same.

578/Cal/77. O & K Orenstein & Koppel Aktiengesellschaft. Double jib crane. [Divisional date August 30, 1974].

579/Cal/77. O & K Orenstein & Koppel Aktiengesellschaft. Double jib crane. [Divisional date August 30, 1974].

15th April, 1977

580/Cal/77. S. O. Berthelsen. Products of gypsum and fine powder, and production methods therefor. (March 24, 1976).

581/Cal/77. Fertilizer Corporation of India Limited. Improved method of preparing-alumina.

582/Cal/77. UOP Inc. Improvements in the hydrometallurgical recovery of metal values.

16th April, 1977

583/Cal/77. Union Carbide India Limited. A synthetic method for the production of 2 chloro-2-methyl-1-nitroso propane.

584/Cal/77. Union Carbide India Limited. Butyl nitrite.

585/Cal/77. Pierrel S.p.A. Indolyl acetic acid derivative. (May 19, 1976).

586/Cal/77. Indian Jute Industries' Research Association. Machine for root and teasing/coming and roll forming for jute fibre.

18th April, 1977

587/Cal/77. N. F. Watson and Stonefield Developments (Paisley) Limited. Main frame assembly for road vehicles. (April 20, 1976).

588/Cal/77. Tractel Tirfor India Private Limited. Improvements in or relating to load carrying housing for pulling and lifting equipment.

589/Cal/77. Knorr-Bremse GMBH. Brake accelerator for a fluid pressure brake system.

590/Cal/77. Knorr-Bremse GMBH. Two-pressure brake control valve for airbrakes.

591/Cal/77. Vsesoyuzny Nauchno-Issledovatel'skiy I Proektny Institut PO Oshiske Tekhnologicheskikh Gazov, Stochnykh Vod I Ispolzovaniyu Vtorichnykh Energoresursov Predpriyatiya Chernoi Metallurgii "Vniptchemenergoochisika", and Kommunar'skiy Metallurgicheskoy Zavod. Contrivance for the protection of the walls of a shaft furnace from the heat effect of metallurgical process.

592/Cal/77. International Business Machines Corporation. A source of tunable intense coherent radiation in the range of 620 CH⁻¹ TO 632 CH⁻¹.

19th April, 1977

593/Cal/77. UOP Inc. Improvements in the hydrometallurgical recovery of metal values.

594/Cal/77. Indian Explosives Limited. Stabilisation of hydroxyalkyl nitrate liquor.

595/Cal/77. Schlumberger Overseas, S.A. Method and apparatus for deriving compensated measurements in a borehole.

596/Cal/77. Stauffer Chemical Company. Process for the manufacture of N-(mercaptomethyl)-phthalimide S-(O,O-dimethyl phosphorodithioate). [Divisional date February 6, 1976].

597/Cal/77. Normark-Werke Gesellschaft Mit Beschränkter Haftung Hamburg. A process for the production of 2, 4-diamino-5-benzylpyrimidines.

598/Cal/77. General Electric Company. Dynamoelectric machine including gas baffles.

20th April, 1977

599/Cal/77. Jawa, Narodni Podnik, Tynec nad Sazavou. A connection of an engine to a frame, especially for single-trace motor vehicles.

600/Cal/77. Bunker Ramo Corporation. Wire insertion tool.

601/Cal/77. Uniroyal, Inc and Uniroyal. Method for making a radial ply tire in a single building stage.

APPLICATION FOR PATENTS FILED AT THE (DELHI BRANCH)

22nd March, 1977

54/Del/77. Council of Scientific and Industrial Research. A process for making and production of heat resistant cast iron.

55/Del/77. Council of Scientific and Industrial Research. Preparation of acetoin (2, 3-butanolone, acetyl-methylcarbionol) and diacetyl (2, 3-butanedione, dimethylketone).

24th March, 1977

56/Del/77. R. P. Sharma. Helmet locking device.

26th March, 1977

57/Del/77. Dr. P. D. Sharma. Hydrometallurgical process for the extraction of cobalt copper, copper, nickel, iron and other metallic and non metallic values from cobalt bearing copper convert slags.

58/Del/77. Catalysts and Chemicals Inc. Steam-hydrocarbon reforming process.

59/Del/77. G. M. Parrey. A stove.

60/Del/77. Purolator India Ltd. A filter assembly for use in vehicles. [Addition to No. 2/Del/77].

28th March, 1977

61/Del/77. Council of Scientific and Industrial Research. Fluidized bed burner.

30th March 1977

62/Del/77. Council of Scientific and Industrial Research. Improvements in or relating to beneficiation of magnesite minerals.

31st March, 1977

63/Del/77. Smt. Sakunthala Sundaram. Writing practice slate with grooved alphabets for guidance

64/Del/77. Smt. Sakunthala Sundaram. A writing-practice slate with grooved alphabets for guidance.

65/Del/77. Smt. Sakunthala Sundaram. A writing-practice slate with grooved alphabets for guidance.

APPLICATION FOR PATENTS FILED AT THE
(BOMBAY BRANCH)

4th April, 1977

128/Bom/77. S. R. Salvi. Improvements made in or relating to a cart drawn by animals.

5th April, 1977

129/Bom/77. K. K. Sharma and B. K. Sharma. An improved process for purifying waste water.

130/Bom/77. P. K. Kulkarni and V. P. Kulkarni. A solar concentrator with two reflecting surfaces to give high temperature at focal point.

6th April, 1977

131/Bom/77. Democratic Engineering. An invention for an auto thread sucker for weaving shuttle fitted with bobbin.

7th April, 1977

132/Bom/77. E. N. Contractor. A device for producing electrical energy without input of energy.

133/Bom/77. K. K. Agarwal. Improvements made in or relating to a shower bath apparatus.

APPLICATION FOR PATENTS FILED AT THE
(MADRAS BRANCH)

15th April 1977

67/Mas/77. M. R. Narayanan. Improvements in or relating to switching device for changing tappings of auto-transformer. [Addition to No. 193/Mas/74].

68/Mas/77. TT (Private) Limited. Improvements in or relating to pressure cookers.

16th April 1977

69/Mas/77. V. S. Ananda Sagar. A mini-stand for bi-cycles.

ALTERATION OF DATE

142016.
1417/Cal/75.

Ante-dated 4th July, 1972.

142043.
1985/Cal/75.

Ante-dated 19th August, 1969.

142045.
249/Cal/76.

Ante-dated 2nd April, 1973.

142048.
253/Bom/76.

Ante-dated 26th May, 1975.

142056.
1524/Cal/76.

Ante-dated 21st October, 1975.

142057.
136/Bom/74.

Post-dated 4th April, 1975.

COMPLETE SPECIFICATIONS ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification respectively.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Shankar Ray Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 195D & E.

142007.

Int. Cl.-F16j 11/00.

PRESSURE VESSELS OF THE TYPE HAVING A RIGID
CONTAINER WITH A DEFORMABLE BLADDER.

Applicant : GREER HYDRAULICS INC., OF 5930 WEST JEFFERS ON BOULEVARD, LOS ANGELES 16, CALIFORNIA, UNITED STATES OF AMERICA.

Inventor : ABDUZ ZAHID.

Application No. 157/Cal/74 filed January 22, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A pressure vessel comprising a rigid container having two opposed axially aligned ports one said port defining a liquid port, a deformable bladder secured in said container and separating said two ports from each other to define two variable volume fluid receiving chambers, one of said chambers being in communication with said liquid port, said bladder extending axially in said container and being closed at one end, the portion of the container adjacent the periphery of the liquid port defining a valve seat, a valve member moulded in the closed end of said bladder and axially aligned therewith adapted to move against said valve seat to close said liquid port, said valve member comprising a disc having a reduced diameter portion extending axially outwards therefrom to the outer surface of the bladder from a laterally extending annular flange located within the thickness of the bladder wall, said reduced diameter portion having a side wall to which the bladder material is bonded.

CLASS 40G & 146D.

142008.

Int. Cl.-A611 13/04.

METHOD FOR REMOVING HYDROGEN PEROXIDE FROM SOFT CONTACT LENSES.

Applicant : WARNER-LAMBERT COMPANY, OF 201 TABOR ROAD, MORRIS PLAINS, NEW JERSEY 07950, UNITED STATES OF AMERICA.

Inventor : CHARLES ANTHONY GALLIA, JR.

Application No. 1071/Cal/74 filed May 16, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

24 Claims. No drawings.

A method of removing hydrogen peroxide from a soft contact lens treated with hydrogen peroxide to effect sterilization which comprises contacting said lens with an aqueous system containing a catalytic amount of a hydrogen peroxide decomposition catalyst such as herein described.

CLASS 90B & J.

142009.

Int. Cl.-C03b 9/00.

HOLLOW GLASSWARE FORMING MACHINE.

Applicant : EMHART INDUSTRIES, INC., OF 426 COLT HIGHWAY, FARMINGTON, CONNECTICUT 06032, UNITED STATES OF AMERICA.

Inventors : GEORGE DUDLEY MYLCHREEST, AND FREDERICK JOSEPHY WYTHE.

Application No. 1196/Cal/74 filed May 31, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A hollow glassware forming machine comprising a plurality of sections each of which includes at least the following mechanical means :

- (a) means for delivering at least one gob of molten glass to a blank station in the machine section at a rate which can be varied;
- (b) a blank mold operable to and from an active position at the blank station;
- (c) a split neck mold operable between open and closed positions whereby said neck mold is adapted to cooperate with the blank mold to define a parison cavity;
- (d) a plunger operable to and from a raised position at the blank station, and means for settling the gob into the neck mold;
- (e) secondary parison mold defining means operable to and from an active position at said blank station, and cooperating with said blank mold to define said parison cavity,
- (f) transfer means for moving said split neck molds and the parison formed in said cavity out of said blank station and into a blow station,
- (g) a split blow mold operable between open and closed positions at said blow station,
- (h) means for final forming the parison at said blow station, and
- (i) takeout means for removing the final blown article from said blow station, said machine being further characterized by,
- (j) means for generating a series of pulses proportional in frequency to the rate at which gobs are delivered to the particular machine section,

(k) counter means for counting such pulses, and including means for resetting said counter to a reference pulse count when a predetermined number of pulses has been generated corresponding to a complete cycle of the machine section,

(l) controller means including storage means for recording a preset pulse count at which each of said mechanical means is activated or deactivated, which can be varied by varying said counts,

(m) said controller means including control means for comparing the instantaneous pulse count with said preset pulse counts and providing action signals in response to said comparison to actuate the operation of said mechanical means within each machine section cycle, and

(n) said storage means further including means for arranging said preset pulse counts to define groups of actions of said mechanical means within each such machine section cycle, each of which groups includes an action of one of said mechanical means which defines a boundary between thermodynamic modes of the glassware forming cycle, said storage means also including means for shifting any boundary by a desired number of counts, with all preset counts of the actions of said mechanical means of that particular group being shifted a similar amount, whereby thermodynamic modes may be altered.

CLASS 154A.

142010.

Int. Cl.-B41m 1/10, B41n 1/06

IMPROVEMENTS IN OR RELATING TO APPARATUS AND METHOD OF PRINTING VISCOUS OR SETTABLE MATERIAL.

Applicant : ENCOLINE (PROCESS) LIMITED, OF 14, LIVERPOOL ROAD, SLOUGH, BUCKINGHAMSHIRE, ENGLAND.

Inventors : HAROLD FREDERICK FARROW AND WILLIAM HENRY CHUDLEY.

Application No. 481/Cal/74 filed March 6, 1974.

Convention date March 9, 1973/(11536/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

Printing apparatus suitable for printing viscous or settable material comprising one or more material feed devices having a chamber with an inlet for connection to a supply of material to be printed and an outlet for connection to a recess of an intaglio printing plate, the outlet being controlled by a valve element connected to a movable member which is biased to a position in which the valve element closes the outlet but which is so positioned and arranged as to be open to a connection for a supply of compressed fluid and when so subjected to the compressed fluid to open the valve against its bias.

CLASS 120C₁ & C₆.

142011.

Int. Cl.-B65g 45/00.

A LUBRICATION CONDUIT SYSTEM FOR IDLER ROLLS.

Applicant : LITTON SYSTEMS, INC., OF 270 PASSAIC AVENUE, PASSAIC, NEW JERSEY 07055, UNITED STATES OF AMERICA

Inventor : DANIEL JOSEPH DI ANTONIO.

Application No. 1831/Cal/74 filed August 14, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A lubrication conduit system for a set of idler rolls with means to facilitate the passage of fluidic lubricating material therebetween comprising : —

- means for mounting the rolls in predetermined positions proximate one another;
- each of said rolls being mounted on a hollow shaft forming a passage for the lubricating material;
- resilient hollow tube interconnecting said hollow shafts between said rolls;
- deforming means coacting with said resilient tube when so interconnecting said hollow shafts to impede the easy separation thereof.

CLASS 32F_a.

142012.

Int. Cl.-C07b 3/00.

PROCESS FOR THE PRODUCTION OF ETHYLENE OXIDE.

Applicant : INSTITUT NEFTEKHIMICHESKIKH PROTSESSOV IMENI AKADEMIKA JU. G. MAMEDALIEVA AKADEMII NAUK AZERBAIDZHANSKOSSR, BAKU, ULITSA TELNOVA, 30, U.S.S.R.

Inventor : NAZIM MUSEIB OGLY GUSEINOV.

Application No 1590/Cal/75 filed August 14, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings.

A process for the production of ethylene oxide which comprises subjecting ethylene to oxidation with oxygen in the presence of carbon dioxide, the reaction components being in a volume ratio of 5-15 ethylene to 10-15 oxygen to 75-85 carbon dioxide forming an upward flow moving at a speed of from 10 to 12 m/sec. and in the presence of a silver catalyst on a conventional carrier, likewise forming an upward flow moving at a speed of from 4 to 6 m/sec at a temperature of from 290 to 300°C. and a pressure of from 35 to 50 atm, the said process yielding a mixture containing the desired product as well as the unreacted ethylene and the unreacted oxygen, recovering the ethylene oxide from the reaction mixture by a method as herein described and subjecting the unreacted ethylene to oxidation with the unreacted oxygen with the aid of silver catalyst on a carrier as herein described in the presence of carbon dioxide, the reaction components being in a volume ratio of 7.0-7.4 unreacted ethylene to 12.5-12.9 unreacted oxygen unreacted oxygen to 79.7-80.5 carbon dioxide, at a temperature of from 260 to 280°C. and a pressure of from 35 to 50 atm, the reaction components forming an upward flow moving in a counterflow at a speed of 5 m/sec with respect to the catalyst.

CLASS 51D.

142013.

Int. Cl.-B26b 21/00.

IMPROVEMENT IN OR RELATING TO A HOLDER FOR A SHAVING BLADE AND A SHAVING RAZOR HAVING SAME.

Applicant & Inventor : GEORGIO SPANAGIOTOU, OF II, VELVENDOUS STREET, ATHENS, GREECE.

Application No. 2002/Cal/75 filed October 15, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A holder for a shaving blade comprising spaced limbs defining therebetween a recess which in use receives a blade, means for preventing lateral displacement of the blade and means to limit penetration of the blade within the recess, the spacing between the limbs being selected according to the thickness of the blade such that the blade is held in position during use by adhesion between an internal surface of the recess and the blade.

CLASS 32F₁ & F_{1b} & 60X_{3d}.

Int. Cl.-C07d 49/18, 35/24, 35/34.

PROCESS FOR PREPARING ANTIREPRODUCTIVE TRICYCLIC N-CONTAINING DERIVATIVES.

Applicant : GRUPPO LEPETIT S.P.A. OF 8, VIA ROBERTO LEPETIT, MILAN, ITALY.

Inventors : AMEDEO OMODEI- SALE, EMILIO TOIA, GIULIO GALLIANI AND LEONARD JOSEPH LERNER.

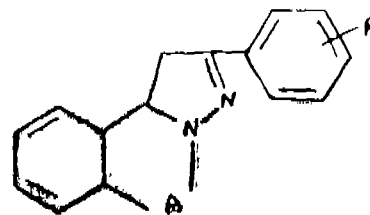
Application No. 2064/Cal/75 filed October 27, 1975.

Convention date November 23, 1974/(50855/74) U.K.

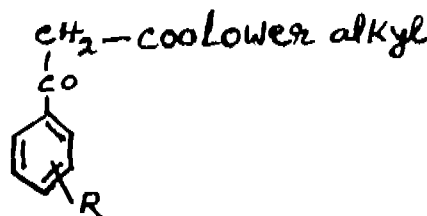
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

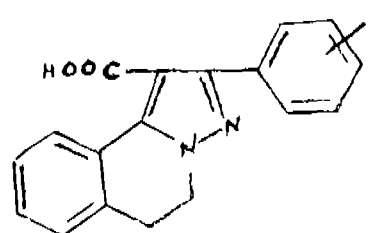
A process for preparing compounds of formula I.



wherein the symbol A represents one of the following groups : $-\text{CH}_2-\text{CH}_2-$ or $-\text{CH}=\text{CH}-$, R is selected from hydrogen lower alkoxy and benzyloxy which comprises reacting 2-amino-3, 4-dihydro-1 (2H)-isoquinolinone with a benzoyl acetate of formula III.



wherein R is as above defined, in an organic solvent and in the presence of an acidic catalyst such as p-toluenesulfonic acid or hydrochloric acid, converting the so obtained Schiff's base to the corresponding 5, 6-dihydro-pyrazolo [5, 1-a] isoquinoline-1-carboxylic acid of formula IV.



by refluxing in a lower alkanol in the presence of a strong base, subjecting the above 5, 6-dihydro-pyrazolo [5, 1-a] isoquinoline-1-carboxylic acid to decarboxylation by refluxing in a lower alkanol with concentrated sulfuric acid and optionally dehydrogenating the so obtained 5, 6-dihydro-pyrazolo [5, 1-a] isoquinoline to the corresponding compounds of formula I wherein A is $-\text{CH}=\text{CH}-$ by means of a suitable dehydrogenating agent, such as N-Bromoacetamide, sulfur, bromine, lead tetraacetate, mercuric acetate, chloranil, dichloro-dicyanoquinone and manganese dioxide.

CLASS 40F & 83A₈.

142015.

Int. Cl.-A23j 3/00, A231 1/31.

APPARATUS AND METHOD FOR PREPARING DENSE, UNIFORMLY LAYERED VEGETABLE PROTEIN MEAT ANALOGUE.

Applicant : WENGER MANUFACTURING, OF SABAETHA, COUNTY OF NEMAHA, KANSAS, UNITED STATES OF AMERICA.

Inventors : LAVON GENE WENGER, ELMER JOHN OSTERHAUS AND OAK BIRCHARD SMITH.

Application No. 357/Cal/76 filed February 26, 1976.

Convention date October 20, 1975/(47744/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

46 Claims.

A method of preparing a dense, layered, untwisted meat analogue product comprising the steps of : heating and agitating an admixture comprising a vegetable protein and moisture to an extent sufficient to render the same hot, flowable and substantially unoriented; moving said admixture under pressure through an elongated processing zone along a generally helical path of travel while simultaneously subjecting the admixture to displacement forces in an axial direction relative to the zone and also transversely of the longitudinal axis thereof, said displacement forces being of a magnitude to assure stretching and working of the protein for permitting subsequent orientation thereof in said product; thereafter moving said admixture into an elongated processing area without substantially restricting the flow of admixture thereinto and subjecting the latter to displacement forces in said area which are primarily axial relative to the area; causing the layering of said admixture by maintaining the axial movement thereof in said area while controlling the temperature and pressure therewithin at levels permitting said layering; and extruding said admixture from said area as a dense, layered meat analogue product.

CLASS 14D₂ & 188.

142016.

Int. Cl.-B41b 5/02, H01m 23/00.

IMPROVEMENTS IN OR RELATING TO THE PRODUCTION OF SINTERED MATERIALS USED IN ALKALINE BATTERIES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Inventors : HANDADY VENKATAKRISHNA UDUPA, PENNAGARAM VYASA RAO VASUDEVA RAO AND PREMA RANGORATH.

Application No. 1417/Cal/75 filed July 21, 1975.

Division of Application No. 747/72 filed July 4, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

8 Claims. No drawings.

A process for the production of sintered matrices suitable for use in alkaline batteries by pressing pure nickel powder, and sintering the pressed green in an atmosphere of dissociated ammonia or hydrogen characterised in that composite nickel powder prepared according to the process of our prior Indian Patent No. 137763 (747/72) is thoroughly admixed with the pure nickel powder, e.g., in the ratio of 0.2 to 2 by weight, prior to pressing and sintering.

CLASS 34A & 155F, & F.

142017

Int. Cl.-D01f 3/00.

IMPROVEMENTS IN OR RELATING TO RENDERING FLAME RETARDANT, ARTIFICIAL FIBRES AND OTHER SHAPED PRODUCTS DERIVED FROM NATURAL CELLULOSE.

Applicant : CENTURY RAYON (PROP. THE CENTURY SPINNING & MANUFACTURING CO LIMITED), (DIVISION OF THE CENTURY SPINNING & MANUFACTURING CO LTD.), OF CENTURY BHAVAN, BOMBAY-400 018, STATE OF MAHARASHTRA, INDIA.

Inventors : MR. OM PRASAD AND DR. KALPATHY VYDIANATH RAMALINGAM.

Application No. 146/Bom/74 filed April 9, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims. No drawings.

A method for producing flame retardant fibre and other shaped products such as cellophane, cellulose sponge, rigid structures like door handles, knobs, tyre cord from viscose solution derived from natural cellulose which comprises incorporating into a viscose solution a homogenized mixture having a particle size of one micron or less of 20 to 60% Tricresyl Phosphate based on the cellulose content in viscose solution and melamine or casein in a proportion of 5 to 20% based on Tricresyl Phosphate, extruding the resulting mixture by any known viscose spinning technique or moulding the same or obtaining the regenerated fibre, tyre cord, cellophane, cellulose sponge, rigid structures and the like while still acidic and treating the same with aqueous solution of 1 to 10% formaldehyde before the conventional after treatment.

CLASS 155F.

142018.

Int. Cl.-C09k 3/28.

A METHOD OF PREPARING A FIRE RESISTANT COMPOSITION.

Applicant : INDIAN INSTITUTE OF TECHNOLOGY, I.I.T. P.O., MADRAS-600 036, TAMIL NADU, INDIA.

Inventors : CHINTAPALLI SIVAPRASADA RAO.

Application No. 4/Mas/75 filed January 15, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims. No drawings.

A method of preparing a fire-resistant composition comprising the steps of burning paddy husk to ash and reacting said ash with sodium carbonate to form sodium silicate; preparing a solution of the said sodium silicate and removing the impurities therefrom by known methods; and concentrating the said solution to 10% to 30% characterised by mixing the said solution with a predetermined quantity of a known surface-active agent as herein described.

CLASS 40C.

142019.

Int. Cl.-C01b 33/16.

A METHOD OF PREPARING SILICA GEL HAVING HIGH ABSORPTION CHARACTERISTICS FOR USE AS A FILTER MATERIAL IN LUBRICATING GREASE COMPOSITIONS.

Applicant : INDIAN INSTITUTE OF TECHNOLOGY, I.I.T. P.O., MADRAS-600036, TAMIL NADU, INDIA.

Inventor : CHINTAPALLI SIVAPRASADA RAO.

Application No. 5/Mas/75 filed January 15, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims. No drawings.

A method of preparing silicagel having high absorption characteristics for use as a filler material in lubricating grease compositions comprising the steps of preparing a clear solution of sodium silicate; reacting the said solution with hydrochloric acid to yield silicagel; washing the silicagel to free it from impurities; and drying and grinding the silicagel to fine particle size, characterised in that the solution of sodium silicate is of 20 per cent concentration and the hydrochloric acid with which the said solution is reacted is of 30% concentration.

CLASS 80B & F & K.

142020.

Int. Cl.-B65d 87/46, 89/24.

FILTER ASSEMBLY.

Applicant : ACF INDUSTRIES, INCORPORATED, OF 750 THIRD AVENUE, NEW YORK, UNITED STATES OF AMERICA.

Inventor : RUSSELL FREDERICK SMITH.

Application No. 1862/Cal/73 filed August 13, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A disposable filter element for insertion in a flow passage of a fluid pump comprising, a body member having first and second ends and filtering means there between forming a filter chamber, conduit means in said first end forming a passage there through and extending into said filter chamber for communicating with said filter chamber to carry a stream of fluid, seal means at said first end for sealing said first end to said flow passage when said filter is inserted therein whereby said filter is adapted to form a first air dome defined by said flow passage, said seal means, and said conduit, and means in said second end defining a second air dome.

CLASS 140A, & A₂. 142021.

Int. Cl.-C10m 1/08, 1/14.

OIL COMPOSITIONS.

Applicant : TEXACO DEVELOPMENT CORPORATION, OF 135 EAST 42ND STREET, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors : RONALD HENRY DENK, JAMES GERALD DADURA, DAVID DEAN REED AND ABRAHAM MORDUCHOWITZ.

Application No. 2784/Cal/73 filed December 21, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A lubricating oil composition which comprises a lubricating oil, an effective pour point depressing amount as hereinbefore defined of a polymeric pour depressant and an effective viscosity index improving amount as hereinbefore defined of polymeric index improver, wherein the polymeric viscosity index improver is an ethylene-propylene copolymer having an amorphous structure, a number average molecular weight between 10 000 and 100 000, a propylene content of 40 to 70 mole %, and an M_w/M_n of less than 5.

CLASS 179A. 142022.

Int. Cl.-B67h 1/00, 3/00.

PLASTIC CLOSURE BUSHING.

Applicant : AMERICAN FLANGE & MANUFACTURING CO. INC., OF 30, ROCKEFELLER PLAZA, NEW YORK, NEW YORK 10020, UNITED STATES OF AMERICA.

Inventor : HUGO MUELLER.

Application No. 773/Cal/74 filed April 5, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A closure bushing molded of synthetic plastic material and adapted for press fit engagement within a container wall opening comprising a cylindrical wall, an internal screw thread formed along said wall, container wall engaging means on said wall, an integrally molded sealing diaphragm closing off said cylindrical wall adjacent one end, said sealing diaphragm including a weakened tearing zone joining the interior of said cylindrical wall and means formed in said diaphragm for protecting said tearing zone against accidental rupturing during insertion of said bushing within a container wall opening whereby forces radially applied to said tearing zone are redirected away from the plane of said tearing zone.

CLASS 130H.

142023.

Int. Cl.-B23k 23/00.

PROCESS FOR THE MANUFACTURE OF AN ALUMINO-THERMIC REACTION-MIXTURE ON A COPPER OXIDE AND IRON OXIDE BASIS.

Applicant : TH. GOLDSCHMIDT AG., OF GOLDSCHMIDTSTRASSE 100, 43 ESSEN, WEST GERMANY.

Inventors : THEODOR FINSTER, DR. HANS-DIETER FRICKE AND HORST SCHUMANN.

Application No. 1160/Cal/74 filed May 27, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

Process for the manufacture of an aluminothermic reaction-mixture for producing a metallic melt consisting of copper and iron, in particular for welding copper cables or grounding cables to rails, which process comprises admixing copper oxide, iron oxide and aluminium granules with conventional additives, characterized in that it contains 45 to 52 parts of copper oxide with an oxygen-content of 11 to 15% by weight, 35 to 40 parts of iron oxide with an oxygen content of 26 to 30% by weight, and 12 to 15 parts of aluminium granules of average grain-size from 0.2 to 0.3 mm.

CLASS 68B.

142024.

Int. Cl.-H02j 3/00, 1/00.

ELECTRICAL CURRENT SUPPLY INSTALLATIONS.

Applicant : ROTAFLEX (GREAT BRITAIN) LIMITED, OF ROTAFLEX HOUSE, 241, CITY ROAD, LONDON, E.C. 1, ENGLAND.

Inventor : YVES JUGEAU.

Application No. 1337/Cal/74 filed June 18, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

An electrical current supply installation of the continuous outlet type comprising a channel shaped track member in which are mounted a plurality of insulated conductors extending longitudinally of the track and accessible from the interior of the channel along the length thereof, and a plurality of adaptors insertable in the track channel and having contact fingers engageable with respective conductors, wherein at least some of the conductors are connected to an electrical information signal supply circuit, such as an audio signal supply.

CLASS 102D & 131B, & B₂.

142025.

Int. Cl.-E21c 19/00.

PERCUSSION DRILL ROD.

Applicant : SANDVIK AKTIEBOLAG, OF FACK, S-811 01, SANDVIKEN 1, SWEDEN.

Inventors : HANS PER OTTO LUNDSTROM AND ERNST LENNART JOHANSSON.

Application No. 1524/Cal/74 filed July 8, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

Extension equipment for percussion drilling comprising a plurality of solid rods capable of being mounted in end to end relation to form a line adapted for impact force transmission from a drilling machine at one end of the line to a drill bit secured at the opposite end of the line, and a plurality of tubes for transmitting rotary force and capable of being connected together end to end concentrically around said rods with an annular space between the rods and the tubes, the rods or the tubes being provided with protrusions

which extend radially substantially the whole way across said annular space in two or more directions so as to provide for flushing medium to pass through the space between the rods and the tubes and thereby also pass between the protrusions.

CLASS 6B, & B₁ & 39K & 40H. 142026.

Int. Cl.-B01d, 53/14, C01b 17/72.

METHOD OF PROCESSING WASTE GASES CONTAINING SULPHUROUS-ACID ANHYDRIDE.

Applicant: GOSUDARSTVENNY NAUCHNO-ISSLED-OVATELSKY INSTITUT PO PROMYSHLENNOI I SANI-TARNOI OCHISTKE GAZOV, OF NAGATINSKAYA ULITS, 36, MOSCOW, U.S.S.R. (2) MOSKOVSKY GOS-UDARSTVENNY UNIVERSITET IMENI M. V. LOMO-NOSOVA, OF LENINSKIE GORY, MOSCOW, U.S.S.R., AND INSTITUT YADERNOI ENERGETIKI, OF SOSNY, MINSK, U.S.S.R.

Inventors: RIMMA BRONISLAVOVNA BARANOVA, VIADIMIR ILICH LAZAREV, NIKOLAI PETROVICH MIRONOV, VIKTOR ALEXANDROVICH PINAEV, LE-NAR TIMOFFEYICH BUGAENKO, EVGENY PETRO-VICH KALYAZIN, EVGENY PETROVICH PETRYAEV, ALEXANDRA TIMOFEEVNA PANFEROVA, JURY NIKOLAEVICH NIKESHICHEV AND VSEVOLOD MI-KHAILOVICH BYAKOV.

Application No. 2129/Cal/74 filed September 24, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A method of processing waste gases containing sulphurous-acid anhydride, characterized in that said waste gases containing sulphuric acid anhydride are contacted with an aqueous solution of sulphuric acid in the presence of oxygen or air and a catalyst comprising an inorganic manganese salt, such as manganese sulphate, perchlorate, chloride, nitrate or phosphate used in an amount of 0.0003-0.03 wt.% based on manganese ion to obtain an aqueous solution of sulphuric acid containing sulphurous-acid anhydride, whereafter the resulting solution is subjected to the action of a factor initiating the oxidation of sulphurous-acid anhydride comprising an ionizing radiation to obtain an aqueous solution of sulphuric acid free from sulphurous-acid anhydride, with subsequent derivation of a part of sulphuric acid from the cycle in the form of the resulting aqueous solution in an amount equivalent to the amount of the oxidized sulphurous-acid anhydride, and feeding of remaining part of the aqueous solution of sulphuric acid for contacting with the waste gases.

CLASS 171. 142027.

Int. Cl.-G02c 7/14.

IMPROVED SPECTACLES.

Applicant: R. M. ARORA & SON, (H.U.F.), OF 208, BIPIN BEHARI GANGULI STREET, CALCUTTA-700 012, WEST BENGAL, INDIA.

Inventor: RAJINDER MOHAN ARORA.

Application No. 822/Cal/75 filed April 23, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Improved spectacles comprising a front, with or without sides, desirably with a nose rest, two prisms as lenses, one side of each prism facing one of the eyes, second side of the prism being formed with a reflecting surface such as by mirroring, the prisms being mounted on said front with mirrored fitted to the front, the third side of the prism facing the object(c) to be viewed, when the spectacles are worn.

2-77GI/77

CLASS 79.

142028.

Int. Cl.-B42f 13/00.

DEVICE FOR USE IN FLAT FILES AND FLAT FILE HAVING THE SAID DEVICE.

Applicant & Inventors: JAGNANDAN SINGH WALIA, OF 61/11, NOOR AVENUE, CALCUTTA-40, STATE OF WEST BENGAL, INDIA.

Application No. 1772/Cal/76 filed September 25, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A device for use in a flat carboard file to hold the punched sheets of paper and wherein the removal of any intermediate sheet is facilitated without having to remove out of the file, sheets of paper above the said sheet to be removed, comprising two lengths of coiled spring wires protruding from the inside of one flap and adapted to engage punched papers, a compression plate having openings for the passage of the spring wires, catch means on said plate to engage the loose ends of the said spring wires and a pair of posts or columns fitted on the opposite flap of the file, said columns normally lying flush with the inside of the flap of the file and adapted to be raised to engage the free ends of the said spring wires, when an intermediate paper has to be removed.

CLASS 102B.

142029.

Int. Cl.-F15b 21/06, 7/02.

IMPROVEMENT IN OR RELATING TO HYDRAULIC POWER TRANSMISSION SYSTEMS.

Applicant & Inventor: CULANDAIVEL THANGAVEL, MUTHUKUMARASWAMY, OF NO. 53, NEW STREET, MANNADY, MADRAS-600 001, TAMILNADU, INDIA.

Application No. 15/Mas/75 filed February 10, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims.

An improved hydraulic power transmission system comprising a positive displacement pump connected to an accumulator through a pressure regulating valve which accumulator in turn is connected to a power output motor through a throttle valve and an admission valve, the motor being connected to a reservoir through an exhaust valve, a heat exchanger being incorporated in the motor, the accumulator also being connected to the reservoir through a relief valve; the pump driven by a prime mover sucking in resilient partially compressible hydraulic fluid suspension from the reservoir and compressing it to force it into the accumulator from where quantities of the said suspension are drawn through the throttle valve and cyclically admitted by the admission valve into the motor for expansion down to a lower pressure and eventual exhaust through the exhaust valve back to the reservoir, the expansion through the motor providing mechanical power output from the motor which power output is boostable, torqueswise and speedwise by heat energy input to the said fluid suspension through the said heat exchanger of the system.

CLASS 190D.

142030

Int. Cl.-F03d 3/04, 1/04.

A WINDMILL.

Applicant & Inventor: KILAPALUR VENKATACHALA CHINNA RAJ, OF 75, A/6, SALAI ROAD, THILLAI-NAGAR, TIRUCHIRAPATTI-620 018, TAMIL NADU, INDIA.

Application No. 29/Mas/75 filed February 28, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims

A windmill comprising a rotatably mounted member having a plurality of vanes positioned on the radii of a circle, the centre of the circle forming the axis of rotation of the member; and a plurality of closely juxtaposed stationary passages disposed around the member at inclinations to tangents to the circle, the arrangement being such that wind entering one or more of such passages is channelled there-through to impinge on the vanes so as to cause the said member to rotate unidirectionally.

CLASS 40F.

142031.

Int. Cl.-B01d 21/01, B01f 3/00.

A METHOD OF SEPARATING SUSPENDED PARTICLES FROM LIQUIDS.

Applicant: INDIAN INSTITUTE OF TECHNOLOGY, I.I.T. P.O., MADRAS-600 036, TAMIL NADU, INDIA.

Inventors: MR. SUNDAR MOHAN RAO, (2) DR. GERARD SUNDARAJAN DAVIES, (3) DR. RAMACHANDRAN NAGARAJAN.

Application No. 10/Mas/75 filed February 3, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims. No drawings.

A method of separating suspended particles from a liquid comprising the addition of a known polyacrylamide solution to the said liquid, characterised in that the polyacrylamide is present in the said solution in predetermined microquantities such that on agitation of the said solution and the liquid, the said solution fully dispenses in the said liquid and on cessation of agitation, thereafter, the said suspended particles settle and are then separated from the liquid by known means.

CLASS 88E.

142032.

Int. Cl.-C10j 1/02, C10k 3/00, C22b 5/12.

A PROCESS AND APPARATUS FOR PRODUCTION OF HOT REDUCING GASES FOR THE REDUCTION OF OXIDE ORES SUCH AS IRON ORE INTO SPONGE IRON.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Inventor: PROF. VISWANATH ANANT ALTEKAR.

Application No. 283/Cal/74 filed February 11, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

10 Claims.

A process for production of hot and reducing gases comprising carbon monoxide and hydrogen, such as can be directly used for solid state reduction of oxide ores, such as, iron ore into sponge iron, by a two step reaction, in the first part of which an intensely hot flame comprising of CO₂ and H₂O is created by burning a hydro-carbon fuel with oxygen, and in the second part of which, the intensely hot CO₂ and H₂O are made to react on additional quantities of hydro-carbon suitably injected into the hot flame zone, when the resulting endothermic reactions obtain a mixture of hot carbon monoxide and hydrogen, suitable for direct use for production of sponge iron.

CLASS 55D₂.

142033.

Int. Cl.-A01n 9/02.

PROCESS OF PREPARATION OF INSECTICIDAL COMPOSITION.

Applicant: HARYANA AGRICULTURAL UNIVERSITY, OF HISSAR, HARYANA, INDIA.

Inventors: DR. DALIP SINGH GUPTA AND MISS RAMESH KUMARI GERA.

Application No. 1650/Cal/74 filed July 24, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

12 Claims. No drawings.

A process for the preparation of insecticidal compositions consists in preparing a first acetone solution of 0, 0-dimethyl S- (1, 2- di ethoxy carbonyl) ether phosphorothioate and a second acetone solution of at least one compound selected from organophosphates, mixing first solution with said second solution to form said composition, said organophosphates being selected from 0, 0-diethyl 0-2 isopropyl-4-methyl-6-pyrimidinyl phosphorothioate, 0,0-diethyl 0-p-nitrophenyl-phospharo-thioate dithioate; 0, 0-diethyl 0-p-dimethyl 0-3-methyl-4-methylthio-phenyl-phosphorothioate or 2-chloro-1-(2, 4, 5-trichlorophenyl) vinyl phosphite transisomer.

CLASS 55D₂.

142034.

Int. Cl.-A01m 9/04, 17/10

PROCESS OF PREPARATION OF INSECTICIDAL COMPOSITION.

Applicant: HARYANA AGRICULTURAL UNIVERSITY, OF HISSAR, HARYANA, INDIA.

Inventors: DR. DALIP SINGH GUPTA AND MISS RAMESH KUMARI GERA.

Application No. 1651/Cal/74 filed July 24, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims. No drawings.

A process for the preparation of insecticidal compositions which consists in adding the insecticide 0, 0-dimethyl S- (1, 2- di (ethoxy carbonyl) ether phosphorothioate to an oil, said oil being selected from the group as herein described.

CLASS 136E.

142035.

Int. Cl.-C08g 37/08, 37/30, 51/08.

A PROCESS FOR PRODUCING WHITE UREA FORMALDEHYDE OR MELAMINE FORMALDEHYDE MOULDING POWDERS.

Applicant: NUCHEM PLASTICS LTD., OF 54, INDUSTRIAL AREA, FARIDABAD-121001, (HARYANA), INDIA.

Inventor: DR. AJIT SINGH.

Application No. 1889/Cal/74 filed August 22, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

7 Claims. No drawings.

A process for producing white urea formaldehyde or melamine formaldehyde moulding powders which comprises in adding a cationic or non-ionic wetting agent to a reaction mixture or resin of urea formaldehyde or melamine formaldehyde, discharging the said resin or reaction mixture on to a filler consisting of a cellulose in a mixing device and thereafter adding an optical brightener, said filler having a whiteness on PC scale lower than that used hitherto fore.

CLASS 32F₁.

142036.

Int. Cl.-C07c 109/04.

A PROCESS FOR THE PREPARATION OF 2, 2'-DICHLOROHYDRAZOBENZENE FROM 2, 2'-DICHLOROAZOMYBENZENE.

Applicant: COUNCIL OF SCIENTIFIC INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Inventors : ROBINDRA NATH BORUAH, BIRENDRA KUMAR PAUL AND JOGENDRA NATH BARUAH.

Application No. 2507/Cal/74 filed November 14, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

4. Claims. No drawings.

A process for the preparation of 2, 2'-Dichlorohydrazobenzene which consists in the reduction of a stirred alcoholic solution of 2, 2'-Dichloroazoxybenzene with gaseous hydrogen in presence of palladised charcoal catalyst for 3 to 4 hours followed by filtration and chilling of the filtrate to obtain the crystals of 2, 2'-dichlorohydrazobenzene which is filtered and the filtrate and the filtrate is concentrated and cooled to recover another crop of 2, 2'-dichlorohydrazobenzene.

CLASS 157D,c. 142037.

Int. Cl-E01b 9/00.

A FASTENING MEMBER FOR ANCHORING A RAILWAY RAIL AND A RAIL-AND-FASTENING ASSEMBLY.

Applicant : PANDROL LIMITED, OF 7, ROLLS BUILDINGS, FETTER LANE, LONDON, E.C. 4., ENGLAND.

Inventor : THOMAS WILLIAM WOOD.

Application No. 2869/Cal/74 filed December 27, 1974.

Convention date December 28, 1973/(60005/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims.

A fastening member for anchoring a railway rail comprising a rod of resilient metal which is bent so as to have, progressing from one end of the rod to the other, a first portion which constitutes a substantially straight leg, then a second portion in the form of a reverse bend, then a third portion extending generally in the direction of said one end, then a fourth portion which extends from the third portion, generally to that side thereof upon which said leg is disposed, and constitutes a second reverse bend, and finally a fifth portion extending in the general direction towards the junction between the first and second portions the configuration being such that when the fastening member is in the position in which it is used, with its first portion horizontal, and it is viewed in plan, the third and fifth portions appear to be on opposite sides of said first portion, the member being characterised in that the third portion has a part which is lower than any other part of the third portion when the fastening member is in said position and proceeding along the lower side of the rod from that part for a distance of at least 5 cms. towards the fifth portion of the fastening member the angle between the lower side of the rod and the horizontal is never more than 35 degrees.

CLASS 97C. 142038.

Int. Cl-F24h 1/20.

AN ELECTRICALLY HEATED INSTANT GEYSER.

Applicant & Inventor : KULDIP MOHAN KAPOOR, 15/92, LAIPAT NAGAR, PART-IV, NEW DELHI-24, INDIA.

Application No. 282/Cal/75 filed February 14, 1975

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6. Claims.

An electrically heated instant geyser consisting of a metallic housing, the free end of said housing being fixed to a resilient diaphragm to define a chamber, said housing having an inlet adapted to be connected to a water source, an insulated heating element disposed within said housing and adapted to be energized by means of a switch, a hollow plunger supported on said diaphragm in a water tight relation, said plunger hav-

ing an outlet disposed outside of said chamber, a slit provided on said plunger, a depending member provided within said chamber and adapted to surround a part of said plunger and such that in the inoperative status the slit of said plunger is surrounded by said depending member whereas in the operative status the slit extends beyond said member and whereby water within the chamber flows into said slit.

CLASS 5B & D.

142039.

Int. Cl-A01n 5/00.

A PROCESS FOR THE PREPARATION OF A PLANT-GROWTH PROMOTING COMPOSITION CONTAINING TRACE ELEMENTS AND BEING SUITABLE FOR USE IN ULTRA-LOW-VOLUME APPLICATIONS.

Applicant : N. V. PHILIPS' GLOEILAMPENFABRIEK-F.N., AT EMMASINGEL, EINDHOVEN, NETHERLANDS.

Inventor : WILLEM MAAS.

Application No. 372/Cal/75 filed February 26, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2. Claims. No drawings.

Process for the preparation of a plant growth promoting composition containing trace elements and a nitrogen source, characterized in that a composition which is suitable for use in ultra-low-volume (U.L.V.) application is prepared by dissolving the chloride of one or more trace elements and/or boric acid as well as acetamide or formamide in N-methylpyrrolidone or a mixture of N-methylpyrrolidone and isophorone, if desired with the addition of hexylene glycol, a vegetable wax, animal wax, waxy product, liquid pesticide or a pesticide dissolved in a solvent suitable for U.L.V. application.

CLASS 114F.

142040.

Int. Cl-C14c 3/00, 3/02.

A TANNING MIXTURE, A PROCESS FOR CHROME-TANNING LEATHER AND LEATHER TANNED BY SAID PROCESS.

Applicant : BAYER AKTIENGESellschaft, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Inventors : KLAUS BACKER, HEIGA HEINZE, WOLFHARD LUCK, HEINRICH SPAHRKAS.

Application No. 739/Cal/75 filed April 14, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims. No drawings.

A process for chrome-tanning leather which comprises pre-tanning a pickled unhaired hide with a chromium (III)-salt, followed by full tanning with a chromium (III)-salt, an acid-binding agent and at least 1.6 mols per mol of Cr₂O₃ in the chromium (III)-salt used for full tanning, of an aliphatic dicarboxylic acid containing 4 to 6 carbon atoms and/or an aromatic dicarboxylic and/or tricarboxylic acid containing 8 to 13 carbon atoms and/or a salt thereof, the total weight of Cr₂O₃ offered amounting to 1.2 to 2% of the weight of the hide, and tanning being carried out with a weight of tanning mixture up to 100% of the weight of the hide, up to a final pH-value of the tanning solution of at least 3.6.

CLASS 98-I.

142041.

Int. Cl-F24j 3/02.

A PANEL FOR CONVERTING INCIDENT LIGHT INTO HEAT.

Applicant : KAPTRON, INC., OF 599 COLLEGE AVENUE, PALO ALTO, CALIFORNIA 94306, UNITED STATES OF AMERICA.

Inventor : NARINDER SINGH KAPANY.

Application No. 791/Cal/75 filed April 18, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A panel for converting incident light into heat comprising a heat absorbing portion and a window portion interposed between the incident light and the heat absorbing portion, at least one of the heat absorbing and window portions having a plurality of opposed reflecting surfaces which transmit the incident light by multiple reflections to the heat absorbing portion.

CLASS 182C.

142042.

Int. Cl.-C08b 19/00.

A PROCESS FOR THE PREPARATION OF PHARMACEUTICAL GRADE POLYOSE FROM TAMARINDUS INDICA SEEDS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJF MARG, NEW DELHI-1, INDIA.

Inventors : RANESH CHANDRA NANDI, JAGAT PAL SINGH SARIN AND NANDOO MAL KHANNA.

Application No. 1549/Cal/75 filed August 8, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

8 Claims No drawings.

A process for the preparation of pharmaceutical grade polyose from *Tamarindus indica* seeds which consists in boiling the roasted and dehusked tamarind seeds powder with water to give a mucilaginous extract which is then boiled with an equal volume of a dilute aqueous caustic alkali solution for 10 to 75 minutes, followed by acidification with a dilute acid solution and precipitation with a water soluble organic solvent like an alcohol such as methyl alcohol or ethyl alcohol or a ketone such as acetone or methyl ethyl ketone to give pure polyose which is dried under reduced pressure at 50-60°C.

CLASS 32F₁ & F₂b & 60X₁b.

142043.

Int. Cl.-C7d 31/42.

PROCESS FOR THE PREPARATION OF SUBSTITUTED AMINEPYRIDINES.

Applicant : DEUTSCHE GOLD-UND SILBER-SCHNEIDANSTALT VORMALS ROESSLER, OF 9 WEISSFRAUENSTRASSE, FRANKFURT (MAIN), FEDERAL REPUBLIC OF GERMANY.

Inventors : DR. KURT THIELE AND DR. WALTER E. VON BEBENBURG.

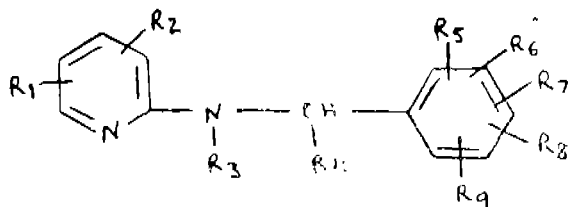
Application No. 1985/Cal/75 filed October 10, 1975.

Division of Application No. 122822 filed August 19, 1969.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

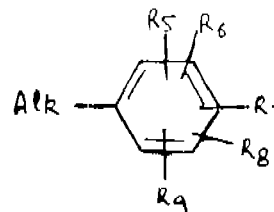
4 Claims.

A process for preparing substituted aminopyridines of the general formula I.



their optically active and diastereomere forms, and salts thereof wherein R¹ is an amino group which is acylated through (a) carbonic acid, or (b) low molecular aliphatic carbonic acid mono ester or (c) aromatic carbonic acid monoester or (d) occasionally a substituted benzoic acid or (e) occasionally a substituted saturated or unsaturated, straight or branched low molecular aliphatic mono- or dicarbonic acid having from 1 to 6 carbon atoms or (f) the carbonic acid half morpholide or (g) the carbonic acid half piperidine.

R₉ is a hydrogen atom or the same like R₁, R₂ is a hydrogen atom or a low-molecular alkyl group having from 1 to 6 carbon atoms or an acyl group as indicated for acylation of R₁, the substituents R₅, R₆, R₇, R₈ and R₉ are the same or different and stand for hydrogen or halogen atoms, alkyl groups having from 1 to 6 carbon atoms, trifluoro methyl groups, hydroxy groups, alkoxy groups having from 1 to 6 carbon atoms, hydroxy alkyl groups having from 1 to 6 carbon atoms, aliphatic acyl groups having from 1 to 6 carbon atoms, carboxy groups or carboxy alkoxy groups having from 1 to 6 carbon atoms and R₄ is a hydrogen atom or an alkyl group having from 1 to 6 carbon atoms, or the group having the formula A.



wherein "ALK" stands for a straight or branched alkyl group having from 1 to 3 carbon atoms, occasionally substituted by (i) a hydroxy group or (ii) alkyl group having from 1 to 6 carbon atoms or (iii) alkoxy group having 1 to 6 carbon atoms, R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, and R⁹ are the same or different and have the same meanings as R₁ to R₉ respectively, with the proviso that if "Alk" is unsubstituted at least one of the residues, R⁵, R⁶, R⁷, R⁸, or R⁹ is not a hydrogen atom and if R₄ is a hydrogen atom or an alkyl group, then at least three of the residues R₅, R₆, R₇, R₈ or R₉ is not hydrogen atoms or their acid salts which comprises subjecting a compound of formula I wherein R₁ and/or R₂ each represent a nitro group to reduction in a conventional manner such that at least one nitro group is converted to the amino group, whereafter the amino group/s is/are acylated with an acid derivative and if desired the pharmaceutically acceptable acid salts of the above compounds being prepared in a conventional manner.

CLASS 89 & 126A & D.

142044.

Int. Cl.-G01L 9/00.

DYNAMIC PRESSURE SENSOR.

Applicant : THE CHIEF CONTROLLER RESEARCH AND DEVELOPMENT, MINISTRY OF DEFENCE, GOVERNMENT OF INDIA, NEW DELHI (INDIA).

Inventor : SHRI ANAPUZHA BALAKRISHNAN.

Application No. 44/Cal/76 filed January 7, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

10 Claims.

A dynamic pressure sensor comprising a spring loaded seesaw assembly adapted to swing about its axis acting as a sensor element fixed on top of an inner box and masked with a piece of sheet material, said inner box having two bellows filled with air fixed within it at the bottom, said inner box being fitted in an outer box which also has two bellows fixed to two holes on the top wall of the said outer box, said outer and inner box each defining a space within the instrument which is filled with a viscous liquid and the whole instrument being placed in an housing, such that any difference of pressure between the said spaces will produce a resultant force on the seesaw sensing element.

CLASS 35B.

142045.

Int. Cl.-C04h 7/02.

PROCESS FOR THE PREPARATION OF CEMENT COMPOSITION.

Applicant : THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, 2200 UNIVERSITY AVENUE, BERKELEY, CALIFORNIA, UNITED STATES OF AMERICA.

Inventor : POVINDAR KUMAR MEHTA.

Application No. 249/Ca/76 filed February 11, 1976.

Division of Application No. 751/Ca/73 filed April 2, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings.

A process for the preparation of a cement composition from organic cement material containing initially upto about 28% SiO₂, which process comprises mixing a non-crystalline amorphous siliceous product such as herein defined with from 5 to 50% by weight of Cao to form cement.

CLASS 32F₂b & 62D

142046.

Int. Cl.-C07d 55/00.

PROCESS OF PREPARING NEW FABRIC FINISHING AGENTS.

Applicant : AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, P.O. POLYTECHNIC, AHMEDABAD-15, GUJARAT, INDIA.

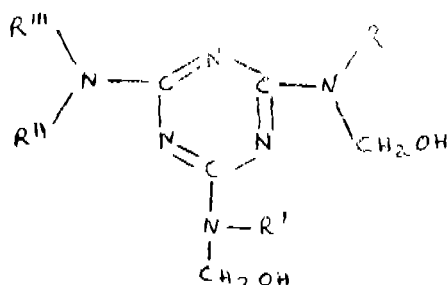
Inventors : HEMENDRA UMIASHANKER MEHTA, KAILASH CHANDRA GUPTA AND VESUDEV RAVISHANKAR BHATT.

Application No. 104/Bom/74 filed March 16, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

8 Claims.

Process of preparing new fabric finishing agents being 2, 4, 6 triamino-S-triazine derivatives (having multifunctional groups) as shown in the drawing accompanying the provisional specification



in which R is H or alkyl group with 1 to 4 carbon atoms; R' is H or alkyl or polyethoxy group $-(CH_2-CH_2-O)-$ wherein $n=5$ to 20, or polyhalogenated aryl group such as hereinbefore described or $X.COOH$ where X is alkylamino with 1-4 C-atoms; R'' is H, CH_2OH or an alkyl derivative; such as hereinbefore described and R''' is H, CH_2OH or a polyacrylamide or a polycarboxylic acid residue such as hereinbefore described which comprises (a) aminating 2, 4, 6 trichloro S-triazine, or 2, 4 dichloro-6-amino alkyl 5-triazine, with ammonia or alkylamines such as hereinbefore described (b) reacting the product so obtained with an aliphatic aldehyde to give one or more $>N$ -alkylol functional groups and then (c) subjecting to condensation, the product so obtained with a compound selected from the group consisting of alkylamide,

acrylamides, alkylhalides, aryloxyhalides, polyalcohols, o-alkyl carbamates and β -haloalkyl acids, all in said group being such as hereinbefore described.

CLASS 173B.

142047.

Int. Cl.-B05b 9/00.

IMPROVEMENTS IN OR RELATING TO LIQUID SPRAY PUMP DEVICE.

Applicant & Inventor : MRS. MRUNALINI BHIL-CHANDRA BEDEKAR C/O. B. D. BEDEKAR, B-1/2, CENTURY RAYON COLONY, P.O. SHAHAD, DISTT. THANA, MARASHTRA, INDIA.

Application No. 191/Bom/74 filed May 18, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

10 Claims.

A spray pump for spraying liquids consisting of combination of (i) a pump body formed from front and back covers 7 and 6 held together by means of a socket 18 and said pump body carries (ii) a piston 2 loaded by a coil spring 15 resting against a bush 17 and working within (iii) a cylinder 8 fitted with (iv) a nozzle cover 13 carrying (v) a spray nozzle 9, (vi) a steel ball valve 11 loaded by (vii) a coil spring 10 located within (viii) divergent nozzle 8G formed within said cylinder which also carries a suction chamber 8K and said steel ball valve 11 resting within orifice 8F formed in said suction chamber 8K and said cylinder also carries (ix) a spray control disc 14 seated within tapered valve seat 13C formed in nozzle cover 13, and (x) a trigger-cum-press lever 1 mounted on a pivot 23 and carrying a locking dowel pin 19 for locking the lever 1 to pump body and in that said piston 2 in its passage 2D carries (xi) a ball valve 5 loaded by a coil spring 4 and to the inlet end 2C of said piston is fitted (xii) a flexible tubing 20 passing through central opening formed in said socket 10 of the pump body and the other end of said tubing 20 being adapted to get inserted within a liquid container containing liquid to be sprayed by the pump and in that the arrangement being such that when said trigger-cum-press lever 1 is depressed and released a few times, vacuum is created within the suction chamber 8K in said cylinder 8 and the liquid sucked-in via said flexible tubing 20 is ejected under pressure through orifice 8F and steel ball valve 11 into said divergent nozzle 8G and impinges against the eccentric grooves 9D-9D forming vanes formed around stem 9C of nozzle 9 and a centrifugal force is generated for the liquid which is ejected through a pair of pin holes 9A-9B formed in a line and the liquid gains momentum before it leaves through the radial passage formed between said adjustable spray control disc 14 and the tapering valve seat 13C formed in nozzle cover 13 in mist form and mixes quickly with atmospheric air.

CLASS 32F₂b / 62D.

142048.

Int. Cl.-C01d 55/00.

PROCESS OF PREPARING NEW FABRIC FINISHING AGENTS

Applicant : AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, P.O. POLYTECHNIC, AHMEDABAD-15, GUJARAT, INDIA.

Inventors : HEMENDRA UMIASHANKER MEHTA, KAILASH CHANDRA GUPTA AND VASUDEV RAVISHANKAR BHATT.

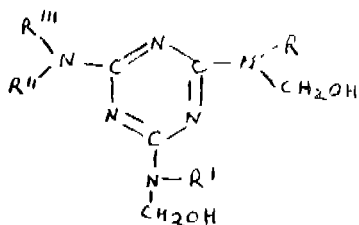
Application No. 253/Bom/76 filed July 26, 1976.

Division of Application No. 104/Bom/74 filed May 26, 1975.

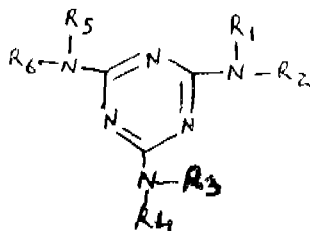
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims.

A process of preparing new fabric finishing agents being 2, 4, 6 triamino Striazine derivatives (having multifunctional groups) of the formula C



in which R is H, or alkyl group with 1 to 4 carbon atoms, R' is H, or alkyl or polyethyloxy group-(CH₂-CH₂-O)_n- where n=5 to 20, or polyhalogenated aryl groups such as hereinbefore described or X.CO₂H where X is alkylene with 1—4 carbon atoms; R'' is H, CH₂OH or an alkyl derivative as hereinbefore described and R''' is H, CH₂OH or a polyacylamide or a polycarboxylic acid residue such as hereinbefore described which comprises subjecting to condensation a compound of formula A.



in which R1 is H, CH₂OH or alkyl with 1—4 carbon atoms, R2 is X.CO₂H where X is alkylene with 1—4 carbon atoms or (CH₂CH₂O)_n-H where n=5 to 20; R3 is H or alkyl with 1—4 carbon atoms; R4 is CH₂OH; R5 is H or alkyl with 1—4 carbon atoms and R6 is CH₃, with a compound selected from the group consisting of alkylamides, acrylamides, alkyl halides, aryloxy halides, poly alcohols, O-alkyl carbamates and β-haloalkyl acids, all in said group being such as hereinbefore described.

CLASS 35F.

142049

Int. Cl.-C04b 35/00.

IMPROVEMENTS IN OR RELATIN TO REFRACTORIES.

Applicant: ORISSA INDUSTRIES LTD., OF P.O. LATHIKATA, DISTT, SUNDARGARH, ORISSA, INDIA.

Inventors: KASHI PRASAD JHUNJHUNWALA, MADAN MOHAN SAHU AND GANESH CHANDRA BANERJEE.

Application No. 549/Cal/74 filed March 14, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

6. Claims No drawings.

A refractory product which consists of a composition which has the undermentioned components in the proportions mentioned against them:—

Zircon	55 to 75%
Pyrophyllite	25 to 35%
Quartzite	0 to 7.5%
Finely ground Technical alumina	0 to 2.5%
Bondingmaterial	2 to 4 parts

CLASS 80B.

142050.

Int. Cl.-B01d 23/16.

APPARATUS FOR AND METHOD OF FILTERING A LIQUID.

Applicant: SIMON-HARTLEY LIMITED, OF ETHRU-RIA WORKS, STOCK-ON-TRENT, STAFFORDSHIRE, ENGLAND.

Inventors: ERIC PAUL AUSTIN AND JOHN TRF-VOR ALLANSON.

Application No. 1603/Cal/74 filed July 18, 1974.

Convention date August 25, 1973/(40368/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A method of filtering a liquid comprising the steps of providing a bed of particulate material comprising particles of varying sizes and contained within a vessel, withdrawing material from the base of the bed, supplying replacement particulate material to the bed through an opening having an edge forming a boundary to said opening and past which the material flows, the vessel extending beneath the opening on either side of edge whereby the bed has a freely formed inclined upper surface extending downwardly from said edge, and causing the liquid to be filtered to enter the vessel through a duct separate from said opening for flow downwardly through the bed, the liquid entering the bed through said inclined upper surface and leaving the bed through a screen which retains the particulate material.

CLASS 144A & 155B.

142051.

Int. Cl.-D01 11/00, D01c 13/00, D01a 15/00.

A PROCESS AND APPARATUS FOR COATING ELONGATE ARTICLES.

Applicant: PLASTIC COATINGS LIMITED, OF INDUSTRIAL ESTATE, BY-PASS, GUILDFORD, SURREY, ENGLAND.

Inventors: JOHN ALASTAIR PHIPPS, AND MORRIS JAMES LEGG.

Application No. 1748/Cal/74 filed August 3, 1974.

Convention date August 3, 1973/(36916/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A method of coating an elongate article such as herein described with powder including vibrating a coating channel of substantially Vee-form cross-section, continuously cycling a coating powder within the channel, a proportion of the powder forming a compacted mass of powder particles in the channel, and passing the article through the channel so as to coat the article with powder while supporting the article on the compacted mass of powder particles during its passage through the channel.

CLASS 39E.

142052.

Int. Cl.-C01b 31/00.

PROCESS FOR REMOVAL OF COBALT CARBONYLS FROM PRODUCTS OF HYDROFORMYLATION OF OLEFINS.

Applicant: VSESOUJZNY NAUCHNO-ISSLEDO-VATFISY INSTITUT NEFTEKHIMICHESKIKH PROT-

SESOV, OF ZHELEZNODOROZHNY PROSPEKT, 40, Leningrad, USSR AND VEB-LEUNA-WERKE NAMENS WALTER ULBRICHT, OF MERSEBURG, GERMAN DEMOCRATIC REPUBLIC.

Inventors: KLAVDIA ALEXANDROVNA ALFXIEVA, MAXIM PETROVICH VYSOTSKY VLADIMIR BORISOVICH DELNIK, AIDA GRIGORIEVNA TRIFEL, RALF DAUTE, PETER GROSSMANN, GUNTHER KOHL, RUDOLF SCHMUCK, LOTHAR SCHRODER AND ANTON TILLE.

Application No. 2539/Cal/74 filed November 16, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4. Claims. No drawings.

A process for the removal of cobalt carbonyls from the products of hydroformylation of olefins i.e. from the catalysts formed during the reaction of an olefin with carbon monoxide and hydrogen in the presence of a cobalt catalyst comprising treating said products with an oxygen-containing gas at a temperature of from 70 to 120°C and a pressure from 1.5 to 10 atmospheres in the presence of higher organic acids and subsequently separating the products from the oil-soluble cobalt salts of said acids, by distillation.

CLASS 48A., 142053.

Int. Cl.-H01b 7/00.

AN ELECTRICAL CABLE INCLUDING AN INSULATION CORE AND AN ELECTRICALLY CONDUCTIVE COVER LAYER.

Applicant: SIEMENS AKTIENGESellschaft, OF BERLIN AND MUNICH, WEST GERMANY.

Inventor: GERHARD OTT

Application No. 474/Cal/75 filed March 11, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

An electrical cable including an insulation core and an electrically conductive cover layer, said core and said layer each being made of plastics and/or elastomeric material, in which the cover layer is provided with a plurality of circumferentially spaced groove-like recesses extending parallel to the longitudinal axis of the cover layer.

CLASS 79, 142054.

Int. Cl. B42f 9/00.

FILING DEVICE FOR PAPERS.

Applicant: ROBER KRAUSE, KG, OF 4992 ESPELKAMP, HINDENBURGRING 11, FEDERAL REPUBLIC OF GERMANY.

Inventors: KARL-HEINZ SCHUDY AND HEINZ KLINERT.

Application No. 513/Cal/75 filed March 15, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A filing device for perforated documentation, comprising a pin-type binder for attachment to a file cover or the like, the device having filing elements attached to one side to a carrier rail to co-operative with a closing pin mechanism, the carrier and pin mechanism being so arranged that, when secured to the back and front covers adjacent the spine of the file, closure of the pin mechanism locks the back cover to the front cover, the device further including a pair of suspension brackets pivotally mounted alongside the carrier rail for pivoting about an axis parallel to the rail and to a neighbouring spine crease when the device is attached to a file cover, the pivotal mounting of the brackets also allowing the brackets to be moved towards and away from one another along the axis.

CLASS 32E.

142055.

Int. Cl.-C08f 2/02.

A METHOD OF PROCESSING OLEFINIC HOMOPOLYMERS AND COPOLYMERS.

Applicant: SIEMENS AKTIENGESellschaft, OF BERLIN AND MUNICH, GERMANY.

Inventors: DR. DETLEF PIEPER AND HORST WILL.

Application No. 553/Cal/75 filed March 20, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims. No drawings.

A method of processing an olefinic homopolymer or copolymer to form an extruded product, which method comprises treating the olefinic homopolymer or copolymer in powder form or particulate form with a silane and with a compound capable of forming free radicals in the homopolymer or copolymer, the silane and compound capable of forming free radicals being in liquid form or in solution subjecting the mixture thus obtained, after or during addition thereto of a silanol condensation catalyst, to extrusion in any extruder which plasticises, homogenises and discharges the mixture; and allowing the extruded product to be cross-linked by action by treating with water or moisture.

CLASS 66B & 67F.

142056.

Int. Cl.-H01h 3/00, C06d 1/00.

ROTARY SWITCH MECHANISM IN AND FOR AN ELECTRIC TORCH OR FLASHLIGHT.

Applicant: UNION CARBIDE INDIA LIMITED, OF 1, MIDDLETON STREET, CALCUTTA-700016, WEST BENGAL, INDIA.

Inventors: AMAR NATH TANDON AND MANU JHA.

Application No. 1524/Cal/76 filed August 21, 1976.

Division of Application No. 2034/Cal/75 filed October 21, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A rotary switch mechanisms in and for an electric torch or flash-light comprising a rotatable collar adapted to encircle neck of the torch below reflector housing of the torch, a recess in the inner wall of the collar, an elongate contact member housed in said recess, said elongate contact member being adapted to come in contact with the two, terminals, R₁ and R₂, of the switch, located in the wall of the neck of the torch body during rotation of the collar from one position to the other; a cut away slot CW being formed in the wall or edge of said collar, movement of said collar being limited to length of said slot by a pin protruding from the wall of the casing or the torch body into said slot in the collar.

CLASS 147C & E F.

142057.

Int. Cl.-G11b 31/00.

A CASSETTE CHANGER

Applicant & Inventor: RAMESH KUMAR CHHABRIA, AT 69, PREMSAGAR, FLAT NO. 13, 2ND FLOOR, SION EAST, BOMBAY-400022, STATE OF MAHARASHTRA, INDIA.

Application No. 136/Bom/74 filed April 6, 1974.

Post-dated 4th April, 1975

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

8 Claims

An arrangement for selectively extracting a cassette from a compartment in a rack having plurality of such cassettes in which control arrangements are provided to convey cassette selected to the orienting station for orienting the cassette to the item required to be reproduced from the cassette an arrangement for conveying the said oriented cassette to the reproducing station; means for automatically switching off the reproducing station and lifting cassette from the reproducing station on completion of the required item; an arrangement for conveying the reproduced cassette to a reorienting station and further means for conveying the reoriented cassette to its compartment in the storage rack.

CLASS 179G.

142058

Int. Cl.-B05c 7/00, 11/00. B67b 1/00.

BUILT-IN POURER FOR A CONTAINER INCORPORATING THEREIN IMPROVED POURING CONVEYANCE.

Applicant & Inventor: MANMOHANDAS JAGMOHANDAS KHICHADIA "SAMIR", 47, CHURCH ROAD, VILE PARLE (WEST), BOMBAY 400 056, MAHARASHTRA STATE, INDIA.

Application No 258/Bom/74 filed July 8, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 Claims.

An improved built-in pourer for a container such as a bottle or like incorporating therein a long springy elastic and compressible hollow cylindrical pouring means (P) through the upper open end of which the contents of the container can be poured into a receptacle (SP) on tilting the container, the periphery of upper open end of the pouring means (P) remaining above the flange (F) of the cup like insertion of the built-in pourer as the length of the pouring means (P) is bigger than the depth of the said cup like insertion, and having a small ventilator aperture (V) at the bottom of the said cup like insertion which allows the entry of the air into the container for free and smooth flow of the contents through the pouring means (P).

OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by Tractel Tirfor India Private Limited against the grant of a patent on application No. 140552 made by Jagat Seth.

(2)

An Opposition has been entered by Tractel Tirfor India Private Limited against the grant of a Patent on application No. 140553 made by Jagat Seth.

CORRECTION OF CLERICAL ERRORS UNDER SECTION 78.

Certain clerical errors in the Patent No. 132309 granted to Messrs. Hindustan Lever Limited, Bombay and in the entry made in respect of the said Patent in the Register of Patents have been corrected in exercise of the powers conferred on the Controller under sub-sections (2) and (3) of Section 78 of the Patents Act, 1970 by specifying the term in the patent as fourteen years in place of seven years and indicating the date of the patent in the Register of Patents as 20th April, 1972 in place of 30th July, 1971.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy—

(1)

104242 108680 108687 108756 108779 108829 108830 108889
108895 109076 109130 109199 109242 109274 109738 109883

109963 109973 110045 110056 110071 110087 110168 110170
110200 110215 110292 110348 110350 110359 110397 110425
110619 110637 110716 110874 110878 110958 110984 111115
111230 111698 111860 111953 112108 112257 112264 112374
112455 112700 112729 112847 112958 113249 113273 113346
113483 113571 113707 113794 113868 113946 114567 114698
115835

PATENTS SEALED

78449 93897 126960 127063 127205 127839 138210 139786
139803 139839 139867 139878 139903 139907 139908 139963
139964 139968 139969 139971 139972 139973 139976 139977
139986 139987 139988 139989 139991 139994 139995 139997
140001 140002 140004 140007 140008 140010 140034 140036
140076 140094 140112 140118 140122 140124 140129 140130
140138 140143 140147 140149 140156 140194 140195 140216
140238 140264 140269 140285 140316 140328 140331 140434

AMENDMENT PROCEEDINGS UNDER SECTION 57.

(1)

Notice is hereby given that Nisshin Steel Company Ltd., of 3-4-1 Marunouchi, Chiyoda-Ku, Tokyo, Japan, a Company incorporated in Japan have made an application under Section 57 of the Patents Act, 1970 for amendment of application and specification of their application for patent No. 126686 for "Austenitic stainless steels". The amendments are by way of correction of the statement of invention and claim 1 and revision of the title of invention in the application and specification on file. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of the filing the said notice.

(2)

Notice is hereby given that Beecham Group Limited, of Beecham House, Great West Road, Brentford, Middlesex, England, a British Company, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 135947 for "Oral Hygiene Compositions". The amendments are by way of explanation, correction and disclaimer in order that the invention may be described and ascertained more correctly and precisely. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(3)

The amendments proposed by Michael John Xavier i, respect of patent application No. 137252 as advertised in Part III, Section 2 of the Gazette of India dated the 31st July, 1976 have been allowed.

(4)

The amendments proposed by Hitachi Ltd., in respect of patent application No. 139271 as advertised in Part III, Section 2 of the Gazette of India dated the 25th December 1976, have been allowed.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

95512 —	}	M/s Padma Electronics Private Ltd
95584 —		
129192 —		Sanjay Engineering Works
100112 —	}	M/s Sarabhai Chemicals Limited
104132 —		
115248 —		
126066 —		
127544 —		
131467 —		
134294 —		
135429 —		
137400 —		
137401 —		

APPLICATION FOR COMPULSORY LICENCE UNDER SECTION 84 OF THE PATENTS ACT, 1970

An application for the grant of a compulsory licence under Patent No. 106622 granted to Ing. Erwin Wirsing of Parkstrasse 14, Schonberg (Taunus), West Germany, for his invention "Double shaft springy track spike" has been made by Rail Udyog of 21/1, Shalimar Road, Hawiah-3 under Section 84 of the Patents Act, 1970.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. & Title of the Invention

127732 (27-7-70)	Novel dental cement and process for its preparation
129214 (12-11-70)	A method for the production of olefins and a pyrolysis plant therefor
130516 (9-3-71)	Production of metals from metalliferous materials.
130698 (23-3-71)	Process for synthesizing urea
130771 (29-3-71)	Improvements in or relating to water treatment.
131810 (21-6-71)	Solvent recovery process.
132298 (29-7-71)	Process for the production of 1, 2, 3-trithiene compounds

RENEWAL FEES PAID

7224	75610	78501	78502	78818	79107	79384	80509	80528
80852	81157	81462	81859	81995	82061	82062	82284	82285
82479	82814	84106	84679	84680	84681	84683	84684	86117
86991	87428	87569	87598	87638	87647	87728	87729	87916
87937	88065	88268	88625	89012	90561	91368	92692	92978
93116	93137	93410	93613	93652	93965	93998	94090	94091
94183	94242	95140	96714	97132	97558	97757	98147	99349
99587	99633	99644	99644	99702	99741	99820	100106	
100676	101311	101824	102120	103066	103217	103573	104012	
104526	104875	105095	105096	105097	105136	105142	105510	
105545	106222	107283	108980	109642	110037	110113	110245	
110284	110421	110425	110458	110471	110514	110548	110581	

110592	110683	110703	110866	111245	111269	111799	111963	
111967	112409	112696	113212	113764	114433	114461	114462	
114997	115120	115350	115351	115530	115547	115636	115710	
115753	115783	115812	115892	115947	115955	115976	115985	
116060	116145	116152	116462	116943	116995	117443	118101	
118204	118591	118748	119086	120251	120308	120434	120666	
120707	120840	120936	120962	120989	121009	121027	121056	
121132	121134	121137	121279	121287	121353	121400	121423	
121482	121504	121635	122070	122260	122675	123087	123695	
123864	124424	124452	124544	124846	124894	125288	125548	
126065	126120	126121	126178	126199	126325	126326	126354	
126372	126376	126397	126799	126417	126456	126476	126547	
126557	126546	127083	127151	127321	127398	127601	127743	
127925	128011	128315	128642	129153	129188	129251	129800	
129802	130341	130867	130818	130841	130980	130981	130995	
130996	131020	131023	131055	131105	131201	131252	131253	
131334	131338	131357	131439	131450	131453	131456	131459	
131450	131512	131535	131645	131909	131946	131960	132876	
133456	133488	133779	134207	134668	134717	134998	135003	
135117	135154	135211	135278	135304	135407	135428	135476	
135739	135886	135758	135899	135900	135952	136009	136011	
136018	136050	136076	136093	136239	136251	136531	136599	
136691	135700	135798	136978	137846	138046	138062	138063	
138179	138189	138181	138182	138205	138279	138334	138335	
138337	138395	138517	138544	138572	138573	138608	138643	
138577	138743	138807	138839	138840	138841	138886	138897	
138899	138941	138956	138981	139003	139008	139032	139084	
139091	139095	139096	139097	139098	139130	139137	139162	
139163	139167	139277	139279	139285	139287	139289	139293	
139297	139300	139301	139303	139304	139308	139314	139317	
139318	139322	139326	139351	139357	139365	139392	139414	
139417	139428	139441	139457	139460	139487	139491	139512	
139582	139604	139822						

CESSATION OF PATENTS

83644	83673	83683	83733	83777	83802	83804	83811	83816
83825	83839	83850	83851	83856	89716	136329	136365	136545
136556	136557	136558	136730					

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 114953 granted to Prabhakar Ramchandra Phatak, for an invention relating to "a mechanism for converting one rotary motion into one or more regulated concentric rotary motions of variable angular velocities". The patent ceased on the 13th March, 1976 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 9th April, 1977.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on or before the 21st July, 1977 under Rule 69 of the Patents Rules 1972. A written statement in support of setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patent Act, 1970 for the restoration of

Patent No. 130900 granted to Envirotech Systems, Inc., for an invention relating to "method of and apparatus for heat treating sewage sludge and lime sludge". The patent ceased on the 8th April, 1976 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 25th December, 1976.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on or before the 21st July, 1977 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 138830 granted to Umakant Jagannath Mahashabde for an invention relating to "Liquid level indicator". The patent ceased on the 13th March, 1977 due to non-payment or renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 7th May, 1977.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on or before the 21st July, 1977 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Name Index of Applicants for Patents for the month of March, 1977 (Nos. 292/Cal/77 to 491/Cal/77, 77/Bom/77 to 126/Bom/77, 49/Mas/77 to 65/Mas/77 and 27/Del/77 to 65/Del/77.)

Name & Appln. No.

—A—

ACI Technical Centre Pty. Ltd.—381/Cal/77.
 Avadhoot Industries—94/Bom/77.
 Adeka Argus Chemical Company Ltd.—375/Cal/77.
 Ahmedabad Textile Industry's Research Association.—104/Bom/77, 105/Bom/77 and 106/Bom/77.
 Aichi Tokei Denki K. K.—98/Bom/77.
 Air Preheater Company, Inc., The.—461/Cal/77 and 462/Cal/77.
 Aktiebolaget Svenska Flaktfabriken.—399/Cal/77.
 Aluminium Pechiney.—335/Cal/77.
 American Can Co.—334/Cal/77.
 Amin, J. B.—124/Bom/77.
 Anturkar, S. B.—97/Bom/77.
 Anvar Agence Nationale DE Valorisation DE LA Recherche.—408/Cal/77.
 Armco Steel Corpn.—351/Cal/77.
 Arvind Mills Ltd., The.—79/Bom/77.

—B—

BBC Brown, Boveri & Company Ltd.—430/Cal/77.
 Babcock & Wilcox Company, The.—478/Cal/77.
 Bain, S. K.—420/Cal/77.
 Bayer Aktiengesellschaft.—426/Cal/77 and 470/Cal/77.
 Ben Gurion University of the Negev.—92/Bom/77.
 Bhagat, A. S.—433/Cal/77 & 434/Cal/77.
 Bharat Heavy Electricals Ltd.—312/Cal/77 and 313/Cal/77.
 Bhathena, N. S.—120/Bom/77.
 Bhavana Chemicals Ltd.—91/Bom/77.

Name & Appln. No.

Biswas, A.—102/Bom/77.
 Bombay Textile Research Association, The.—117/Bom/77.
 —C—
 Carrier Corpn.—480/Cal/77.
 Carvalho, F.—85/Bom/77.
 Cassela Farbwerke-Mainkur Aktiengesellschaft.—397/Cal/77 and 457/Cal/77.
 Catalysts and Chemicals Inc.—58/Del/77.
 Chivate, M. R. (Dr.)—99/Bom/77.
 Chloride Group Ltd.—323/Cal/77.
 Ciba-Geigy of India Ltd.—122/Bom/77.
 Cikalon-Vliesstoffwerk GMBH.—401/Cal/77.
 Combustion Engineering, Inc.—322/Cal/77 and 362/Cal/77.
 Comprimo B. V.—358/Cal/77.
 Consorzio Fabocart S.p.A.—321/Cal/77.
 Continental Carbon Co.—342/Cal/77.
 Copropriete Comela.—485/Cal/77.
 Council of Scientific and Industrial Research.—44/Del/77, 45/Del/77, 48/Del/77, 49/Del/77, 50/Del/77, 51/Del/77, 52/Del/77, 53/Del/77, 54/Del/77, 55/Del/77, 61/Del/77 and 62/Del/77.
 Creusot-Loire.—299/Cal/77.

—D—

Dr. Adolf Seebach AG.—486/Cal/77.
 Dr. C. Otto & Comp. GMBH.—380/Cal/77.
 Dr. Kurt Herberts & Co., GmbH.—396/Cal/77.
 Dana Corpn.—371/Cal/77 and 372/Cal/77.
 Das Gupta, B.—382/Cal/77.
 De Sousa, Egas J. J.—126/Bom/77.
 Diamond Shamrock Technologies S.A.—448/Cal/77 and 481/Cal/77.
 Dover Corpn.—359/Cal/77.
 Dychkin, M. M.—317/Cal/77.
 Dyckerhoff & Widmann Aktiengesellschaft.—414/Cal/77.

—E—

E.I. DU Pont DE Nemours and Co.—355/Cal/77.
 Egypt Gyogyszervegyeszeti Gyar.—329/Cal/77.
 Elektroschmelzwerk Kempton GMBH.—444/Cal/77.
 Eleusis Bauxite Mines-Mining Industrial and Shipping Inc.—344/Cal/77.
 Eli Lilly and Co.—446/Cal/77.
 Elkem-Spigerverket A/S.—361/Cal/77.
 Exxon Research and Engineering Co.—353/Cal/77.

—F—

Flamagas, S.A.—318/Cal/77.
 Fritz Buser AG Maschinen-fabrik.—346/Cal/77.
 Fincraft Industries.—86/Bom/77.

—G—

G. D. Societa per Azioni.—330/Cal/77, 331/Cal/77, 341/Cal/77, 391/Cal/77, 392/Cal/77, 393/Cal/77, 443/Cal/77 and 458/Cal/77.
 Gajjar, R. M.—114/Bom/77.
 Gandhi, B.—295/Cal/77, 296/Cal/77, 297/Cal/77, 314/Cal/77, 315/Cal/77 and 377/Cal/77.
 Gaur, A. K.—364/Cal/77.

<i>Name & Appln. No.</i>	<i>Name & Appln. No.</i>
General Battery Corpn.—352/Cal/77.	Lister, W.—363/Cal/77.
General Electric Co.—343/Cal/77.	Lucas Industries Ltd.—293/Cal/77, 369/Cal/77, 378/Cal/77, 402/Cal/77, 431/Cal/77 and 482/Cal/77.
General Mills Chemicals, Inc.—379/Cal/77.	Lundas, R. S.—87/Bom/77.
George, M. P.—43/Del/77.	Luther, P. C.—356/Cal/77.
Ghatikar, N. B. (Miss)—93/Bom/77.	—M—
Ghose, G. C.—333/Cal/77.	Mahabal, P. M.—84/Bom/77.
Ghose, S.—383/Cal/77.	Mahabal, S. M.—84/Bom/77.
Globe-Union Inc.—385/Cal/77 and 445/Cal/77.	Majumdar, B.—441/Cal/77.
Gonsalves, J. S.—110/Bom/77.	Makki, M. F.—116/Bom/77.
Goswami, P. B.—320/Cal/77.	Marathe, R. B.—95/Bom/77 and 96/Bom/77.
Graubremse GMBH.—337/Cal/77.	Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft.—410/Cal/77.
Gunnerman, R. W.—439/Cal/77.	Mather & Platt Ltd.—360/Cal/77.
Gupta, K.—40/Del/77.	Mathur, D. P.—47/Del/77.
Gupta, K. P.—125/Bom/77.	Mechelonic Welders Private Ltd.—90/Bom/77.
—H—	Mefina, S. A.—347/Cal/77 and 487/Cal/77.
Halcon International, Inc.—389/Cal/77 and 390/Cal/77.	Metal Cladding, Inc.—365/Cal/77.
Haldor Topsoe A/S.—350/Cal/77.	Metallgesellschaft A. G.—476/Cal/77.
Hariprasad, C.—54/Mas/77, 59/Mas/77, 64/Mas/77 and 65/Mas/77.	Michelin & Cie (Compagnie Generale Des Etablissements Michelin).—412/Cal/77.
Hasler AG.—398/Cal/77.	Miles Laboratories, Inc.—488/Cal/77.
Hazemeijer B. V.—309/Cal/77.	Mitsubishi Rayon Co., Ltd.—491/Cal/77.
Hindustan Lever Ltd.—100/Bom/77 and 101/Bom/77.	Morcov, P. 438/Cal/77.
Hoechst Aktiengesellschaft.—348/Cal/77 and 419/Cal/77.	Morgardshammar Aktiebolag.—325/Cal/77.
IDL Chemicals Ltd.—51/Mas/77.	Mukhopadhyay, V. (Dr.)—441/Cal/77.
—I—	Mundipharma AG.—471/Cal/77.
Imperial Chemical Industries Ltd.—484/Cal/77.	—N—
Indian Institute of Science, The, Bangalore.—50/Mas/77.	N. V. Philips' Gloeilampenfabrieken.—345/Cal/77.
Indian Institute of Technology.—441/Cal/77.	Nagle, R.—119/Bom/77.
Indian Jute Industries Research Association.—440/Cal/77.	Narasimhan, P. R.—320/Cal/77.
Institut Obschei I Neorganicheskoi Khimii Akademii Nauk Belorusskoi SSR.—293/Cal/77.	Nestle's Products Ltd.—310/Cal/77 and 411/Cal/77.
Istituto Chimioterapico Italiani S.p.A.—394/Cal/77.	Neyrpic B.M.B. S.A.—298/Cal/77.
Instytut Nanozow Sztucznych.—311/Cal/77.	New Nippon Electric Co., Ltd.—326/Cal/77.
International Business Machine Corpn.—427/Cal/77.	Nippon Steel Corpn.—436/Cal/77.
Ivanyatov, J. E.—317/Cal/77 and 376/Cal/77.	Nitro Novel AB.—453/Cal/77.
Iyer, C.—62/Mas/77.	—O—
Aweka, M. G. O.—437/Cal/77.	Oommen, T.—53/Mas/77.
—J—	Orissa Cement Ltd.—302/Cal/77, 303/Cal/77 and 304/Cal/77.
John Wyeth & Brother Ltd.—332/Cal/77.	—P—
Juneja, S.—115/Bom/77.	Padshah, P. J.—103/Bom/77.
—K—	Palitex Project-Company GMBH.—400/Cal/77.
Kabra, G.—319/Cal/77.	Panjwani, A. P.—121/Bom/77.
Kabushiki Kaisha Takenaka Seisakusho.—98/Bom/77.	Panjwani, I. P.—121/Bom/77.
Kalininskaya, V. N.—376/Cal/77.	Panjwani, S. P.—121/Bom/77.
Karshak Industries.—56/Mas/77.	Parrey, G. Mohd.—59/Del/77.
Khanukova, E. S.—339/Cal/77.	Pfizer Inc.—467/Cal/77.
Kharade, T. K.—118/Bom/77.	Palvara, F.—489/Cal/77.
Kimmon Manufacturing Company Ltd.—98/Bom/77.	Pleasey Handel Und Investments AG.—354/Cal/77.
Kinarivala, S. J.—366/Cal/77.	Polvara, F.—489/Cal/77.
Kogan, V. O.—339/Cal/77.	Polyakov, R. S.—339/Cal/77.
Kolosov, I. A.—317/Cal/77 and 376/Cal/77.	Pont-A-Mousson S.A.—416/Cal/77.
Kumar, K.—455/Cal/77 and 456/Cal/77.	Posnansky, M.—435/Cal/77.
Kureha Kagaku Kogyo Kabushiki Kaisha.—463/Cal/77 and 464/Cal/77.	Pramanik, D.—305/Cal/77 and 306/Cal/77.
Kuryshhev, N. V.—376/Cal/77.	Prasadrao, K. V. L.—55/Mas/77.
—L—	
Larsen & Toubro Ltd.—108/Bom/77.	
Linde Aktiengesellschaft.—432/Cal/77.	

<i>Name & Appln No</i>	<i>Name & Appln No</i>
Plesnov J L—339/Cal/77	Societe Pour LE Developpement ET L'Exploitation DU Pal mier A Huile—374/Cal/77 and 415/Cal/77
Proizvodstvennoe Obledenie Turbostroenia "Leningradsky Metallichesky Zavod"—421/Cal/77	Soni, H C—38/Del/77
Pucachev A K—376/Cal/77	Stamcarbon B V—387/Cal/77
Pulav Industries—60/Mas/77	Standard Mechanical Scales—53/Mas/77
Purolitor India Ltd—60/Del/77	Stangor, C N—490 Cal/77
—Q—	Stauffier Chemical Co—460/Cal/77
Quebec Iron and Titanium Corp—Fer EF Titan. Du Quebec Inc—447/Cal/77	Steelastic Co. Inc—386/Cal/77
—R—	Sukhia, M L—42/Del/77
RCA Corp—412/Cal/77	Sundaram S (Smt)—63/Del/77 64/Del/77 and 65/Del 77
R J Reynolds Tobacco Co—327/Cal/77 & 328/Cal/77	Surattee S A—417 Cal/77
Raimann, B—435/Cal/77	Synthelabo—409/Cal/77
Ranganathan Rao K P—59/Mas/77	—T—
Rathod, K. J—93/Bom/77	Tate J P—99/Bom/77
Raz, Z (Di)—92/Bom/77	Tisenkar G S—197 Bom/77
Reeves Saunders R—336 Cal/77	Tata Iron & Steel Co Ltd, The—422 Cal/77 423/Cal/77 and 424/Cal/77
Research Corp—451/Cal/77 and 454/Cal/77	Telefonaktiebolaget T M Ersson—423/Cal/77 and 452/ Cal/77
Richter Gedeon Vegyeszeti Gyar Rt—292/Cal 77	Texaco Development Corp—406/Cal 77
Roy, A K—349/Cal/77	Thiokol Corp—468/Cal/77
Roy, T K—316/Cal/77	Thon as, A—340/Cal/77
Rubery Owen Fasteners Ltd—465/Cal/77	Tsukin, M Z—399/Cal/77
—S—	—U—
S A Des Anciens Etablissements Paul Wurth—418/Cal/77	UCB, S A—357/Cal/77
Saint Gobain Industries—474/Cal/77	UOP Inc—450/Cal/77
Senghani, S K (Di)—77/Bom/77 and 78/Bom/77	USS Engineers and Consultants Inc—429 Cal/77
Sathe S R—89/Bom/77	Ultra Centrifuge Nederland N V—401/Cal/77 and 466/Cal 77
Sathe S S (Mis)—88/Bom/77	Unelev S A—479/Cal/77
Savini S M—376/Cal/77	Unie Van Kunststestfabrieken B V—385/Cal/77
Savio & CSP A—384/Cal/77	Union Carbide Corp—469/Cal/77 472/Cal/77 473/Cal/ 77 and 477/Cal/77
Sawhney P S—80/Bom/77, 81/Bom/77 82/Bom/77 and 83 Bom/77	—V—
Saxena P C—93/Bom/77	Veecumsee, D H—52/Mas/77
Schablonentechnik Kufstein Gesellschaft m b h—475/Cal/77	Venkatachalam, T V—57/Mas/77
Scheering Aktiengesellschaft—449/Cal/77	Venkatachalam, T V—58/Mas/77
Schubert & Salzer Maschinenfabrik Aktiengesellschaft—309/ Cal/77 & 370/Cal/77	Vijayan, T A—49/Mas/77
Schgal S L—37/Del/77 and 39/Del/77	Visvesvaraya, H C (Dr)—46/Del/77
Snab M R—112/Bom/77 and 113/Bom/77	Vizgazdalkodasi Tudomanyos Kutato Kozpont—368/Cal/77
Snab U S (Prof)—123/Bom/77	—W—
Sharma P D (Dr)—57/Del/77	Waliuddin, S—61/Mas/77
Sharma R P—56/Del/77	Wavin B V—405/Cal/77
Sharma R S (Di)—123/Bom/77	Western Electric Co—483/Cal/77
Shell Internationale Research Maatschappij B V—407/Cal/ 77 and 425/Cal/77	Westinghouse Electric Corp—307/Cal/77 and 369/Ca/77
Shepherd T H—404/Cal/77	—Y—
Siemens Aktiengesellschaft—413/Cal/77	Yartsev, I K—376 Cal 77
Singhani D N—41/Del/77	—Z—
Sinha N K—459/Cal/77	Zellweger Uster Ltd—338/Cal/77
Sircar M—403 Cal/77	Zoellner, E—109/Bom/77
Sirohi K (Mrs)—111/Bom/77	Zoellner, H—109/Bom/77
Societe D'Etudes DE Produits Chimiques—300/Cal/77 and 324/Cal/77	
Societe Pour LE Developpement Of L'Exploitation DU Pal mier A Huile—373/Cal/77	

S VEDARAMAN
Controller General of Patents
Designs and Trade Marks